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UNITED STATES DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL RESEARCH ADMINISTRATION  
 BUREAU OF ANIMAL INDUSTRY  
 ANIMAL HUSBANDRY DIVISION

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Summary of the National Poultry Improvement Plan Meat Production Performance Test  
 1950-51

The Meat Production Performance Test was adopted as an optional section of the National Poultry Improvement Plan at the 1950 Conference. The summary which follows is a compilation of reports submitted by official State agencies covering the first test. These data are based on the performance of officially selected random samples of the breeders' stock. The Meat Production Performance Test consists of (1) a ten-week growing test period for chicks, (2) a 300-day egg production test on the female parent stock and (3) a measure of hatchability.

En- try	Breed or Cross	Chicks No. Mortal- ity 10 weeks	Pullets Av. wt. 10 wks. Varia- bil- ity	Cockereels Av. wt. 10 wks. Varia- bil- ity	Cockereels Dressed										300-day Laying Test															
					No.	Average			No.	Carcasses based on			No.	Hens	Mort- ality	Ave. egg prod.			Hatch- ability	NPIP Class										
						Live dress- ed	Weight. lbs.	Age at dressed		Breast Angle	Keel Length	Fleshing (Grade)				Finch (Grade)	Feathering (Grade)	Re- fect- ed			House Hen	Prod. Hen	Wt. Wt.							
1/		%	lbs.	2/ lbs.	2/ lbs.	lbs.	lbs.	lbs.	degree	inches	A	B	C	A	B	C	A	B	C	A	B	C	ed	No.	%	%	%	oz.	%	3/
(1)	N.H.	300	3.0	3.0	10.2	3.9	3.7	-	75.7	4.4	46	2	0	45	3	0	39	9	0	0	100	22.0	48.4	55.1	26.2	75.5	APC			
(2)	N.H.	300	0.7	2.8	8.8	3.6	3.3	-	71.6	4.2	41	10	0	44	7	0	42	9	0	0	400	17.5	52.4	55.8	27.5	77.0	APC			
(3)	W.R.	300	5.3	2.6	9.4	3.1	2.8	2.4	67.8	3.8	48	1	0	41	8	0	34	13	2	1	216	25.0	42.2	49.7	24.8	61.0	APP			
(4)	W.R.	300	5.3	2.6	14.8	3.3	3.0	2.6	68.7	3.8	26	23	0	26	23	0	49	0	0	1	184	10.3	55.6	58.5	26.7	77.1	CPC			
(5)	B.R. X N.H.	300	2.3	2.8	8.5	3.7	3.6	-	74.8	4.3	46	4	0	47	3	0	20	28	2	0	100	18.0	53.7	58.8	26.9	77.7	APC			
(6)	W.A. X N.H.	300	12.7	2.5	12.5	3.3	3.1	-	73.9	4.0	41	6	0	41	6	0	41	6	0	0	150	22.0	58.2	63.9	25.1	81.0	APC			
(7)	N.H.	300	2.7	2.9	10.9	3.7	3.5	-	73.9	4.3	47	3	0	49	1	0	48	2	0	0	130	6.9	47.8	49.5	28.5	82.6	APC			
(8)	N.H.	603	5.6	2.3	9.3	2.7	2.5	-	67.6	3.6	42	52	4	37	59	2	67	28	4	2	175	17.1	41.4	51.2	25.5	76.5	APP			
(9)	B.R.	300	2.0	2.6	9.9	3.2	2.8	2.4	70.0	3.9	47	4	0	51	0	0	32	19	0	0	126	15.8	62.2	68.1	24.9	84.7	APC			

Key to Entry Numbers

Footnotes

- 1) Bitter's Springbrook Poultry Farm  
Westmoreland Depot, New Hampshire
  - 2) Coll's Poultry Farm  
East Jeffery, New Hampshire
  - 3) Herr's Poultry Farm  
Lodi, Ohio
  - 4) Holtzaple Poultry Farm  
Elide, Ohio
  - 5) Hubbard Farms, Inc.  
Walpole, New Hampshire
  - 6) Nedlar Farms, Inc.  
Peterborough, New Hampshire
  - 7) Nichol's Poultry Farms, Inc.  
Kingston, New Hampshire
  - 8) Noble Hatchery  
Caldwell, Ohio
  - 9) Tice's Barred Rock Farm & Hatchery  
Barryton, Michigan
- 1/ N.H. = New Hampshire  
 W.R. = White Plymouth Rock  
 B.R. = Barred Plymouth Rock  
 W.A. X N.H. = Barred Plymouth Rock Males X New Hampshire Females  
 W.A. X N.H. = White American Males X New Hampshire Females
- 2/ Expressed as the coefficient of variation. As the uniformity of the sample increases the numerical value of the coefficient of variation decreases.
- 3/ APP = U. S. Approved, Pullorum-Passed  
 APC = U. S. Approved, Pullorum-Clean  
 CPC = U. S. Certified, Pullorum-Clean
- NOTE: Growing test for entries number 1, 2, 5, 6 and 7 conducted at a central brooding plant.

